

Our Reference: DFS-146-A

PATENT

2A
9-6-02

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Rainer Mangold, Krzysztof-Daniel Malowaniec
& Petra Eckel
Serial Number: Unknown
Filing Date: Concurrent
Examiner/Art Group Unit: Unknown/Unknown
Title: COMPOSITE MATERIAL FOR PRODUCING
A LAYER OF HYGIENE ARTICLE THAT
COMES INTO PHYSICAL CONTACT WITH
THE BODY AND A CORRESPONDING
HYGIENIC ARTICLE

PRELIMINARY AMENDMENT

Assistant Commissioner of Patents
Washington, D.C. 20231

Sir:

If any charges or fees must be paid in connection with the following
communication, they may be paid out of our Deposit Account No. 25-0115.

Prior to initial examination, please amend the above-identified patent
application as indicated below.

In the specification:

After the claims, begin a new page and insert: ✓

ABSTRACT

A
A composite material for producing a layer of a disposable absorbent
hygienic article that comes into physical contact with the body, the layer formed of at
least two layers of a nonwoven material that are thermally interlinked. The top layer
that comes into physical contact with the body is formed of a mixture of mono-
component fibers and bi-component fibers. The share of the bi-component fibers is
30 to 70% by weight and the denier value of the fibers of the top layer is not more
than 3.5 dtex. The lower layer is formed of at least 40% by weight of bi-component
fibers whose higher-melting component is PES (polyester) and the lower-melting
component has a melting point lower than that of the mono-component fibers of the